Title (en)
SELECTIVE PROCESSING OF FILE SYSTEM OBJECTS FOR IMAGE LEVEL BACKUPS

Title (de)
SELEKTIVE AUSWAHL VON DATEISYSTEMOBJEKTEN FÜR BACKUPS AUF BILDEBENE

Title (fr)
TRAITEMENT SÉLECTIF D'OBJETS DE SYSTÈMES DE FICHIERS POUR SAUVEGARDES AU NIVEAU IMAGE

Publication
EP 2580662 B1 20170503 (EN)

Application
EP 11796304 A 20110614

Priority
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Abstract (en)
[origin: US2011307657A1] Systems, methods, and computer program products are provided for reducing the size of image level backups. An example method receives backup parameters identifying a physical or Virtual Machine (VM) to backup and at least one file system object to include in the backup. The method connects to production storage corresponding to the selected physical or virtual machine and obtains access to data stored in disk corresponding to the selected file system object(s). The method fetches file allocation table (FAT) blocks from the disk and parses contents of the FAT blocks to determine if the disk blocks correspond to the selected file system object(s). The method creates a backup disk image FAT comprising blocks corresponding to the selected file system object(s). The method creates a reconstructed disk image FAT blocks corresponding to the backup FAT and disk image data blocks belonging to the selected file system object(s) and all other disk image data blocks are saved as zero blocks. A reconstructed disc image is compressed and stored in a backup file on backup storage, or replicated (copied) to another storage intact.

IPC 8 full level
G06F 11/14 (2006.01)

CPC (source: EP US)
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Cited by
US9116846B2; US9552168B2; US9823877B2; US8943105B1; US9311003B2; US9489140B2; US9684458B2; US10078525B2; US10628208B2

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US 2011307657 A1 20111215; **US 9507670 B2 20161129**; DK 2580662 T3 20170828; EP 2580662 A2 20130417; EP 2580662 A4 20160120; EP 2580662 B1 20170503; ES 2634990 T3 20171002; US 11068349 B2 20210720; US 11789823 B2 20231017; US 2017075766 A1 20170316; US 2019332489 A1 20191031; US 2022156155 A1 20220519; US 2024211353 A1 20240627; WO 2011159701 A2 20111222; WO 2011159701 A3 20120419

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